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16 JUL 93

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Jack Bush, GM-14
Mr. Jack Bush
Special Projects and Plans
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DEPARTMENT OF THE AIR FORCE
WASHINGTON DC



OFFICE OF THE ASSISTANT SECRETARY

*Supersedes
AD-B184 122*

Date: NOV 20 1995

**PMD 3048(39)/PE 64733/PE 27165F for
STANDOFF ATTACK WEAPON SYSTEM**

I. Executive Summary: This PMD provides direction for continued production of the AGM-130 missile; development and production of the AGM-130C (BLU-109 warhead); incorporation of charged couple device (CCD) and focal plane array (FPA) seekers as producibility projects; inclusion of midcourse guidance capability; support of the integration of the AGM-130A and AGM-130C on the F-15E; development and production of Advanced Support Equipment (ASE); continued production of the Weapon Data Link (WDL); modification of the AXQ-14 pod to include a data recording capability; development of Contractor Logistics Support (CLS) or equivalent repair capability; and development of a mission planning software module for the GBU-15 and AGM-130. In addition, this document directs the AGM-130 System Program Office to procure supplemental weapon modules to serve as test vehicles for technology insertion initiatives, to evaluate technology options for producibility enhancement, and to assess AGM-130/GBU-15 system performance versus future Operational Requirement Document (ORD) and System Threat Assessment Report (STAR) updates. Integration and certification tasks for the F-111F have been completed; this plus the impending retirement of the F-111 have dictated removal of the F-111 from this PMD.

II. Program Information:

Identify IWSM Program Name:		Air to Surface Munitions		Initial PMD No:	
PMD Type:	ACAT or Mission Support Category:	Phase:	MDA:	This PMD supersedes PMD No. 3048(38), Dtd. 21 April 1994	
Acquisition	ACAT II	II	AFAE		
Joint Program	No	Air Force Lead:	n/a	If No, identify lead service/agency:	n/a
Permanent Modification	No	Identify lead service/agency if non-DoD program:		n/a	
Arms Control Treaty Ver.	No	Implementing Command:		AFPEO/TS	
Deviations & Waivers	No	Supporting Command:		AFMC/ASC, OO-ALC, OC-ALC, ASC/YG, SA-ALC, ESC/YV	
Foreign Military Sales	Yes	Operating Command:		ACC, PACAF, USAFE	
Nuclear Survivability	No	Participating Command:		AFMC, AETC	
Special Access Required	No	OT&E:		AFOTEC	
Resource Priority Rating:	2-06 (FAD II)				

Document	Number and Title	Date
MNS (Post MS 0)	Short Range Standoff Surface Attack Weapon, TAF SON 301-86	2 Nov 87
ORD (Post MS I)	TAF SORD 301-86-I/II/III-A (Rev 2) (S)	6 Nov 91
TEMP (Post MS I)	AGM-130 Test and Evaluation Master Plan (TEMP) (C)	Apr 91
ADM (Post MS 0)	n/a	
Points of Contact (Grade, name)		DSN
PMD Focal Point: Maj Waugh		227-7715
PEM: Maj Waugh		227-7715
PEO: Mr Schulte		225-8343
Single Manager: Col DeLuca		872-9514
PMD Functional Monitors: Lt Col Lincoln		225-7003
Mr. Jones		227-5097
		AF/LGSP

III. Program-Specific Management Direction: This program direction is mandatory. Notify SAF/AQP immediately of any inability to execute the program as directed. AFMC organizations must also notify AFMC/XPX if unable to comply. Contact Maj Waugh (PMD Focal Point) for a list of program documents or other information as necessary.

A. AFPEO/TS will:

1. Continue production of the AGM-130.
2. Continue the current producibility efforts on the AGM-130.
3. Plan for module replacement of all inventoried AGM-130A-1 missiles with Improved Modular Infra-Red Seekers (IMIRS) and Mid-Course Guidance (MCG) control sections, and plan for replacement of AGM-130A-3 missile with MCG modules.
4. Evaluate GBU-15 for R&M 2000 projects to incorporate AGM-130 technologies. Coordinate with HQ ACC and submit proposed approach to SAF/AQPW.
5. Integrate the BLU-109/B (I-2000 penetration warhead) with Horizontal Target Attack in Lot 5 of the AGM-130 (AGM-130C).
6. Maintain the system level Integrated Logistics Support Plan (ILSP) for the AGM-130/GBU-15 system. Plan and implement a support structure for new elements of the AGM-130/GBU-15 system.
7. Implement changes to the AN/GJM-55 test set to support the deployment of the AGM-130 prior to fielding of Advanced Support Equipment, AN/GJM-64.
8. Work with the F-15 SPD who will take the lead to define and document the roles and responsibilities for integrating and certifying the AGM-130 on the F-15E.
9. Field the Improved Data Link (IDL) LRIP Lot 1 Pods and Weapon Control Data Link Test Set (WCDLTS). Complete directed DX priority AXQ-14 modifications. Implement the video enhancement Engineering Change Proposal (ECP) subsequent to successful evaluation. Retain interface with the AGM-130/GBU-15 weapon, to include backwards compatibility with the AXQ-14 Weapon Data Links (WDLs). Replenish AXQ-14 data links borrowed from GBU-15 inventory for use on AGM-130.

10. Provide the Advanced Support Equipment (ASE) (AN/GJM-64) to test the GBU-15 and AGM-130 weapon systems.

11. Establish a depot-level repair or equivalent capability for the AGM-130 (to include ASE). Support this and the existing GBU-15 repair capability through the life cycle of both munitions.

12. Develop, procure, and update a mission planning software module for the AGM-130 and GBU-15, to be hosted on the AF Mission Support System (AFMSS), version C2.0. Provide hardware, software, and documentation to AFMSS SPO for integration testing of the mission planning module for AFMSS. Support mission planning working groups to reconcile mission planning module requirements.

13. Support AFMC/ASC in developing a plan for accomplishing SEEK EAGLE certification tasks.

14. Provide weapon system characteristics, reliability information, system accuracy (day and night) values, and weapon effectiveness data to the Joint Technical Coordinating Group for Munitions Effectiveness (JTCEG/ME) for inclusion in the Joint Munitions Effectiveness Manuals (JMEMs).

15. Procure an AGM-130 All-Up-Round (AUR) storage capability for operational bases beginning with Lot 6 assets.

16. Explore and support requests for Foreign Military Sales of the AGM-130 and/or GBU-15.

17. Plan, with the using command, for the establishment of mobility support cadres and the availability of associated equipment to make possible the early operational use and logistics support of the AGM-130 weapon system when deployed to meet contingency requirements.

18. Plan and develop Type I Initial Cadre Training.

19. Identify and evaluate ways to reduce deployment logistics footprint.

20. Support the F-15 SPO in development of Weapons Integration Plans and the conduct of Weapon Systems Reviews.

21. Support integration of developing fuze technologies for possible incorporation into AGM-130 and GBU-15. The direction for the fuze will be included in a separate PMD and funds provided through another program element.

22. Maintain designation of a single manager for the AGM-130/GBU-15 program.

23. Support AGM-130 OT&E, as required.

24. Evaluate technology insertion opportunities and design modification options to enhance operational utility, producibility, and/or maintainability of the AGM-130/GBU-15 weapon system. Potential growth options include extending the AGM-130 employment envelope. Assess system performance versus ORD and STAR updates as they occur.

25. Support other organizations' technology insertion initiatives where AGM-130 and GBU-15 can be used as a test bed for risk mitigation.

26. Develop a Program Protection Plan and a System Security Engineering Management Plan; coordinate plans with operating commands.

27. Chair the Systems Security Working Group.

28. Explore and support all requests to cross platform the AGM-130 on the B-52.

B. AFMC/ASC will:

1. Support and provide resources to AFPEO/TS to accomplish the tasks assigned in this PMD.

2. Accomplish SEEK EAGLE certification tasks as defined in the AGM-130 SEEK EAGLE Certification Plan.

3. The F-15 Systems Program Office (SPO) will lead in defining responsibilities, tasking, and funding to integrate and certify the AGM-130 on the F-15E.

C. ACC will:

1. Maintain TAC SORD 301-86-I/II/IIIA. (Rev 2), 6 Nov 91.

2. Support the SPO and contractor integration testing of the mission planning module.

3. Review AGM-130 configurations required for certification. Update AGM-130 SEEK EAGLE requests and accomplish other SEEK EAGLE related tasks IAW AFI 63-104.

4. Support AGM-130 system OT&E as required.

5. Participate in the Test Planning Working Groups of the AGM-130 weapon system.

6. Provide life cycle support for the AGM-130/GBU-15 AFMSS Mission Planning module and squadron trainers.

7. Participate in the development of the Program Protection Plan as part of the Systems Security Working Group.

D. AFMC/OO-ALC will:

1. Support the AGM-130/GBU-15 SPO in developing and procuring the AGM-130 weapon system.

2. Support the AGM-130/GBU-15 SPO in developing and establishing a depot level or equivalent repair capability for the AGM-130 and GBU-15 (to include the IDL and ASE). Maintain this repair capability throughout the life cycle of both munitions.

3. Support MSS-IIA until AFMSS becomes operational.

4. Continue to perform program management and support responsibilities for the AN/FSM-57, AGM-130/GBU-15 Depot Automatic Test Station (DATS).

5. Perform nondestructive periodic functional testing of AGM-130/GBU-15 deep storage inventory.

6. Ensure technologies developed under the AGM-130/GBU-15 program are transitioned to the Technology Application Program Management (TAPM) office of ALC for possible use in other systems.

7. Support AGM-130/GBU-15 SPO in Foreign Military Sales of AGM-130 and/or GBU-15.

8. Perform AGM-130 surveillance testing IAW approved AGM-130 Life Cycle Test Plan.

E. AFMC/OC-ALC will: lead all efforts related to the integration of the AGM-130 on the B-52.

F. AFMC/SA-ALC will:

1. Review all requirements for new Automatic Test Systems (ATS) and upgrades or modifications to existing systems to ensure the approved approach meets total Air Force requirements. Automatic test system acquisitions will comply with AF and DOD policy for proliferation of weapon system peculiar ATS.

2. Participate in studies conducted by the SPD to evaluate product improvement potential to add capabilities to ASE for the testing of other weapon systems.

G. AFOTEC will:

1. Conduct/support OT&E on the AGM-130/GBU-15 Guided Missile Weapon System as an integrated whole.

2. Participate in the Test Planning Working Groups of the AGM-130 weapon system.

H. AETC will: plan and develop, when applicable, Type III, IV, and V training for the AGM-130 systems.

I. ESC will: support the AGM-130 and GBU-15 mission software module integration into AFMSS.

IV. Funding. This PMD does not constitute authority to commit, obligate, or expend funds except as authorized in the appropriate Program Authorization (PA) and Budget Authorization (BA). Signature of this PMD certifies the program or project is funded (prior or current year funding or as identified in the current PB/FYDP). Contact the PMD focal point for current funding status to ensure program content is aligned with current approved funding.

FOR THE SECRETARY



WILLIAM JAY JABOUR, Colonel, USAF
Deputy Director, Fighter, Weapons, C2
& Missile Defense Programs
Assistant Secretary (Acquisition)

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